

F21

Patent Abstracts of Japan

PUBLICATION NUMBER : JP9156013
PUBLICATION DATE : 17-06-1997
APPLICATION NUMBER : JP19950319397
APPLICATION DATE : 07-12-1995

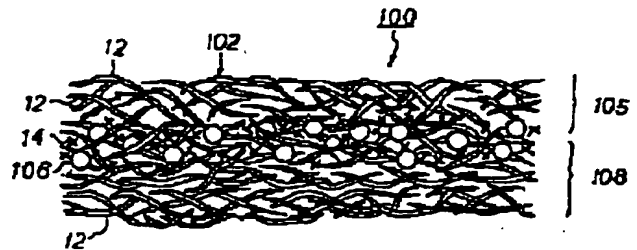
VOL: 1997 NO: 10
AB. DATE : 31-10-1997 PAT: A 9156013
PATENTEE : KAO CORP
PATENT DATE: 17-06-1997

INVENTOR : KAWASAKI HIRONORI;
HAMASHIMA YOSHIJI;
YAMAMOTO YASUHIRO;
NAKANISHI MINORU

INT.CL. : B32B5/26 ;
A61F13/46 ;
A61F13/15 ;
B01J20/26 ;
D04H1/54 ;
D04H13/00

TITLE : ABSORPTIVE SHEET, ITS MANUFACTURE AND ABSORPTIVE ARTICLE

ABSTRACT : PROBLEM TO BE SOLVED: To improve the absorption performance by embedding a highly absorptive polymer in spaces among fibers in the wet state of fibers constituting an absorptive sheet and forming hydrophilic fine fiber layers or hydrophilic fine powder in the vicinity of the highly absorptive polymer.
SOLUTION: An absorptive sheet 100 containing at least a highly absorptive polymer 106, bulky cellulose fibers 12 and hydrophilic fine fibers 14 or hydrophilic fine powder 14 is formed. The absorptive sheet 100 is composed of fiber collective bodies 105 and fiber webs 108. The fiber collective bodies 105 are composed of bulky cellulose fibers 12 as a main component. On the other hand, the fiber webs 108 are formed by bulky cellulose fibers 12 as a main component. The hydrophilic fine fibers 14 or hydrophilic fine powder 14 is contained mainly in areas in which the highly absorptive polymer 106 exists.



Best Available Copy